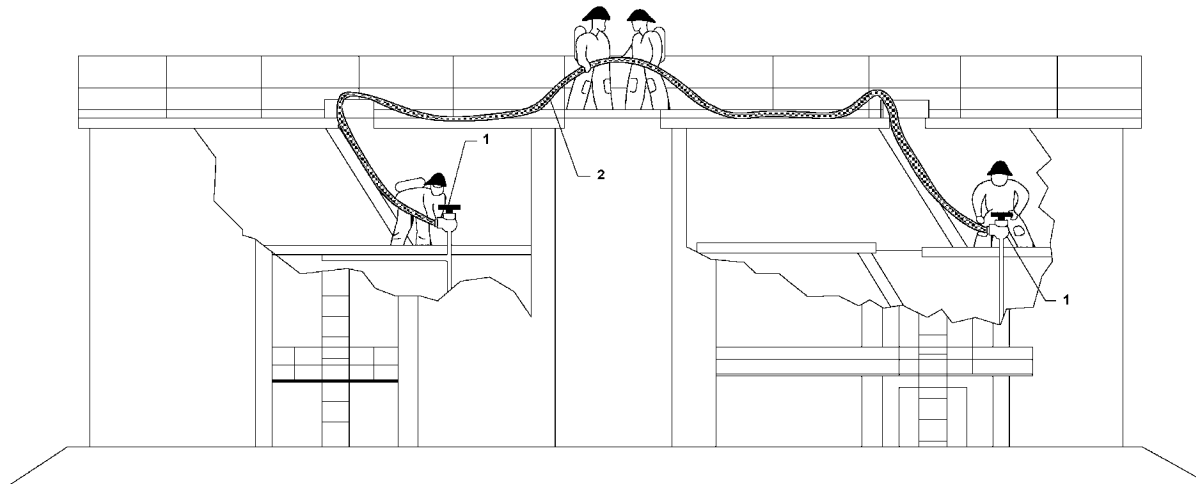
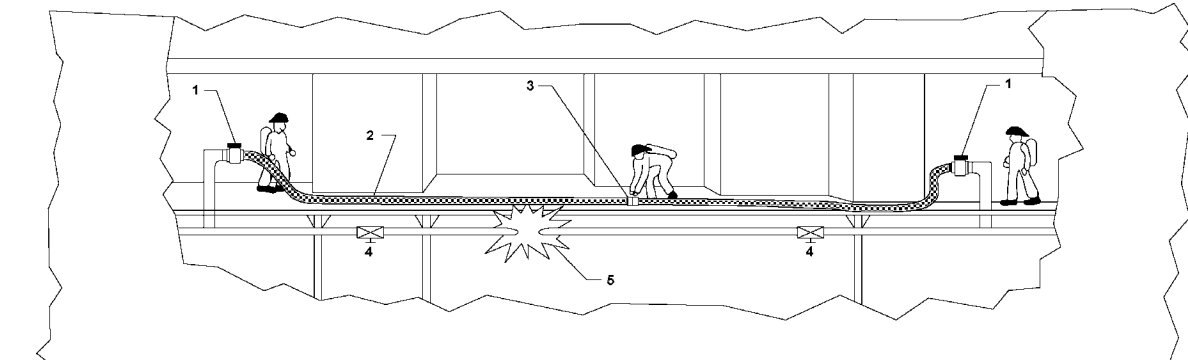


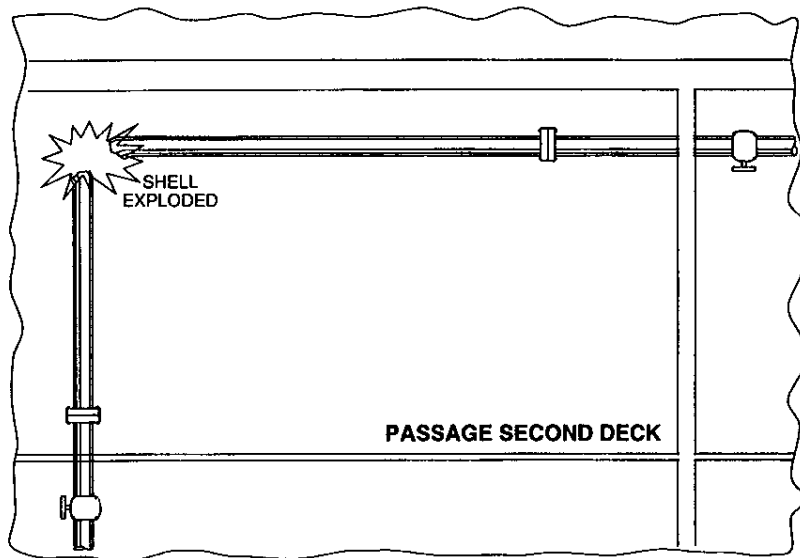
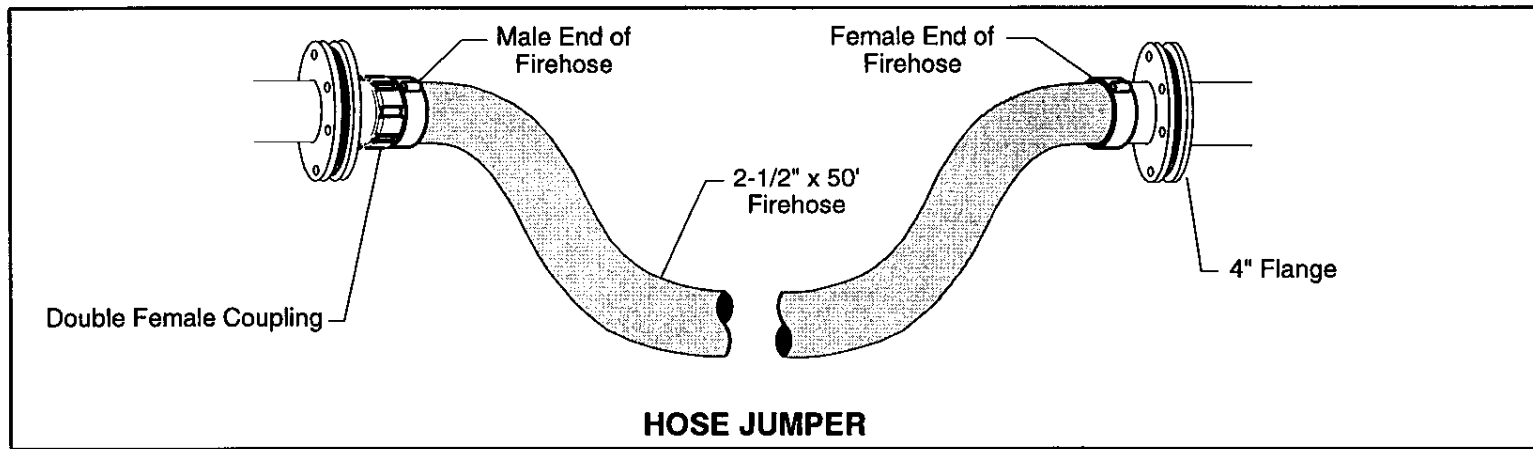
**DAMAGE CONTROL LAYOUT SKETCHES**  
**SECTION 14 - SYSTEM RESTORE/RECONFIGURE EVOLUTION**

<b>SKETCH NO.</b>	<b>TITLE OF SKETCH</b>	<b>SHEET NO.</b>
001	Providing Temporary Firemain Service Using Firehose Bypassing Damaged Firemain	14-2
002	Providing Temporary Firemain Service by Hose Jumping at Flanges	14-3
003	Pipe Jumper Evolution – Pipe Measuring Device	14-4
004	Pipe Jumper Evolution – PJHS KIT NO.1, Assembly/Installation	14-5
005	Pipe Jumper Evolution – PJHS KIT NO.1, Safety Gag Installation	14-6
006	Pipe Jumper Evolution – PJHS KIT NO.2, Assembly/Installation	14-7

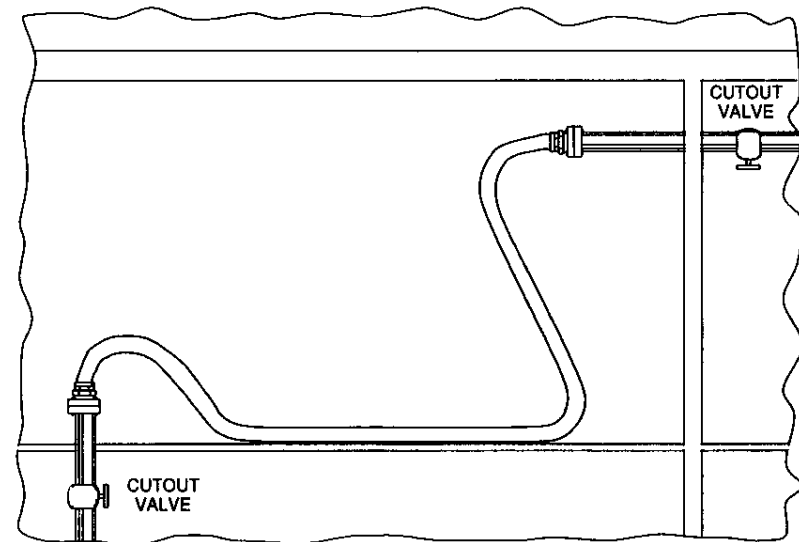


1	4	FIRE PLUG
2	2	2-1/2" X 50' JUMPER HOSE LINE
3	1	2-1/2" DOUBLE FEMALE FITTING
4	2	CUTOUT VALVE (CLOSED)
5	1	RUPTURED FIREMAIN

**SYSTEM RESTORE/RECONFIGURE EVOLUTION - SKETCH #001**  
**Providing Temporary Firemain Service Using Firehose Bypassing Damaged Firemain**

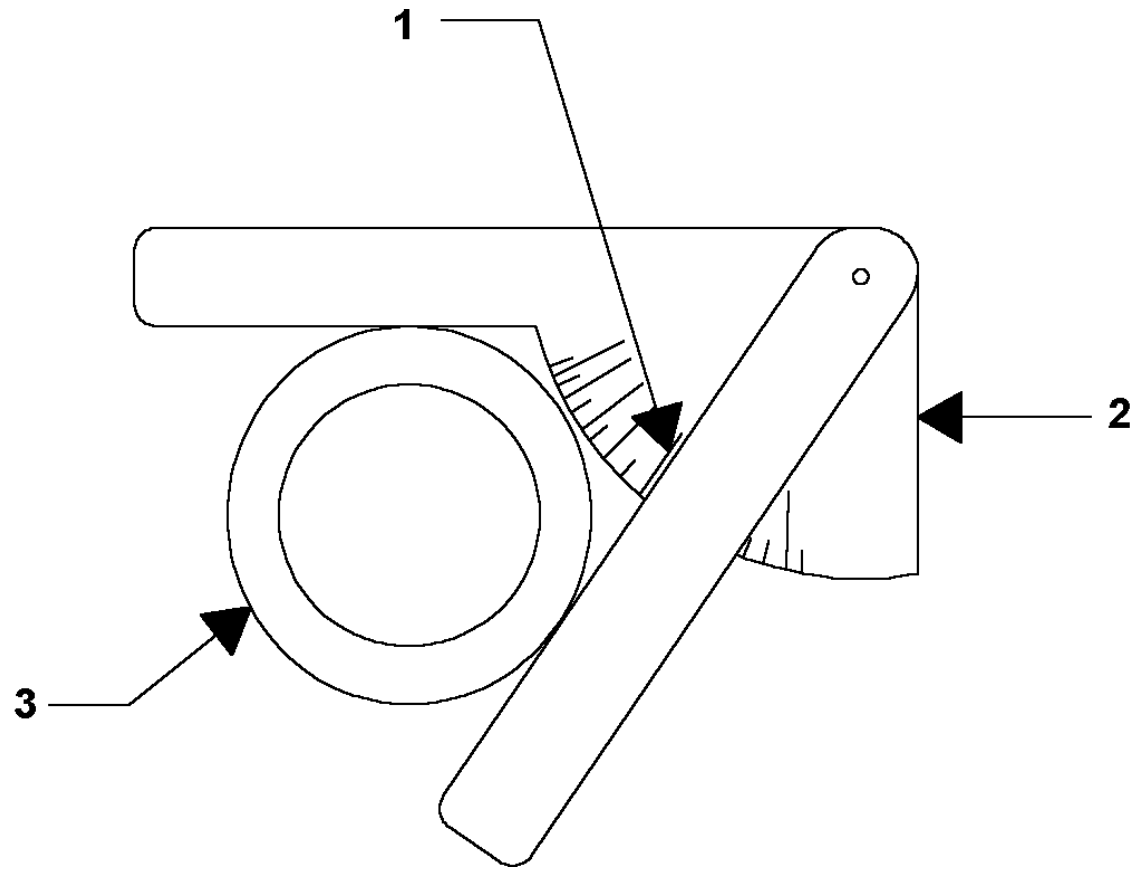


1



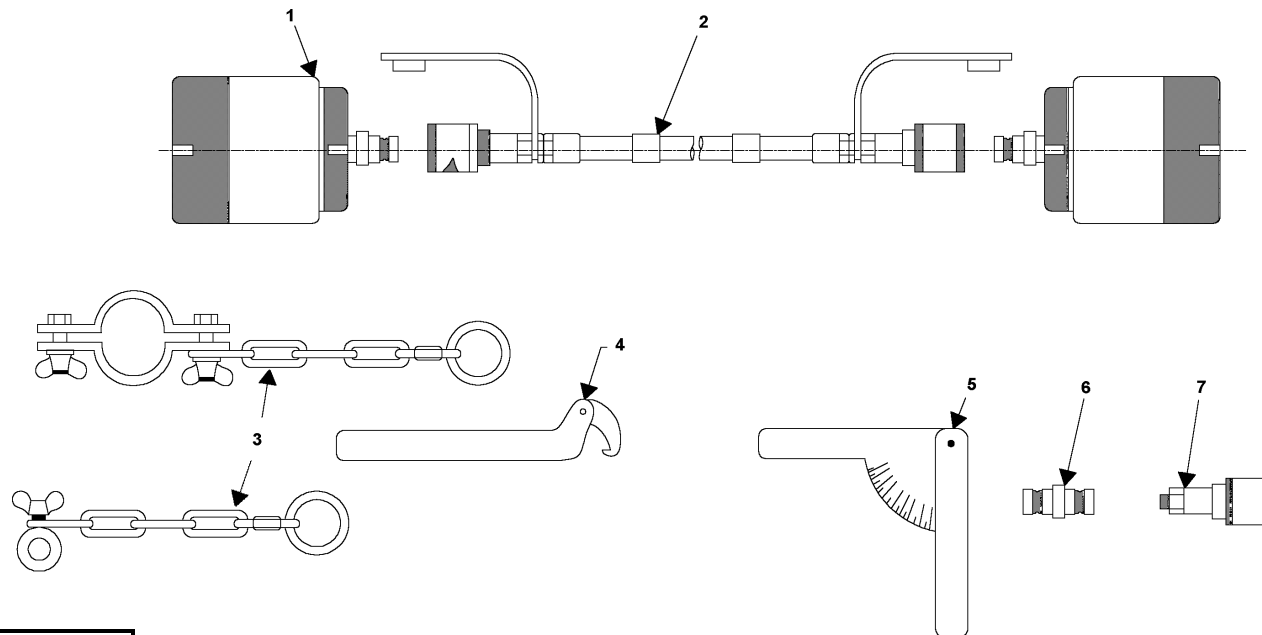
2

**SYSTEM RESTORE/RECONFIGURE EVOLUTION - SKETCH #002**  
**Providing Temporary Firemain Service by Hose Jumping at Flanges**

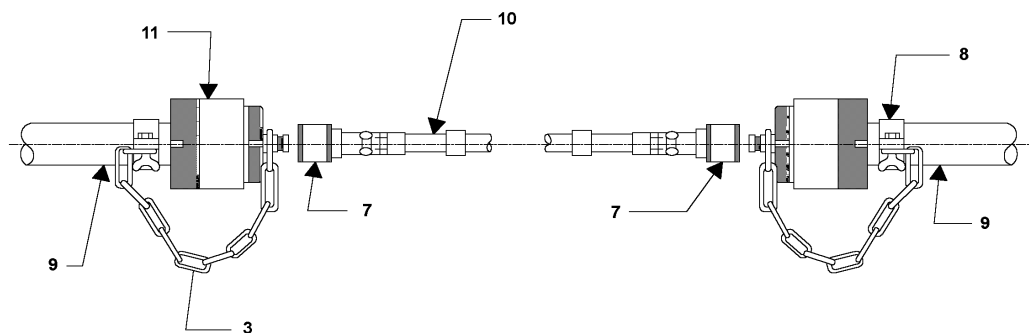


1	READ PIPE SIZE ALONG THIS EDGE
2	PIPE MEASURING DEVICE
3	PIPE

**SYSTEM RESTORE/RECONFIGURE EVOLUTION - SKETCH #003**  
**Pipe Jumper Evolution – Pipe Measuring Device**

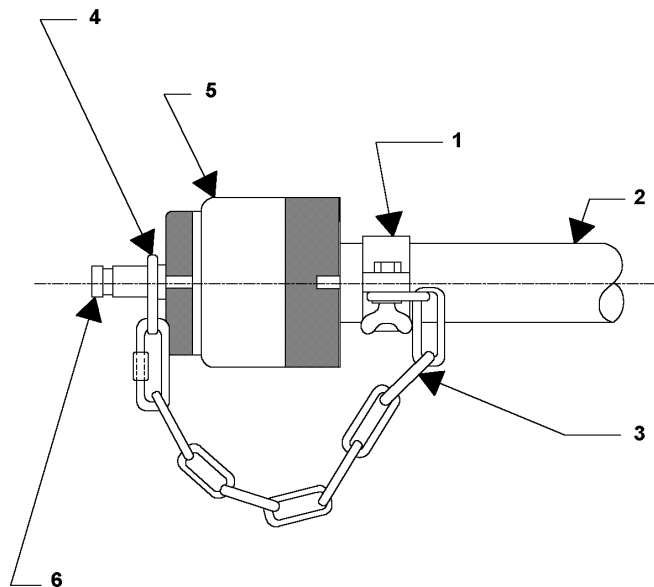
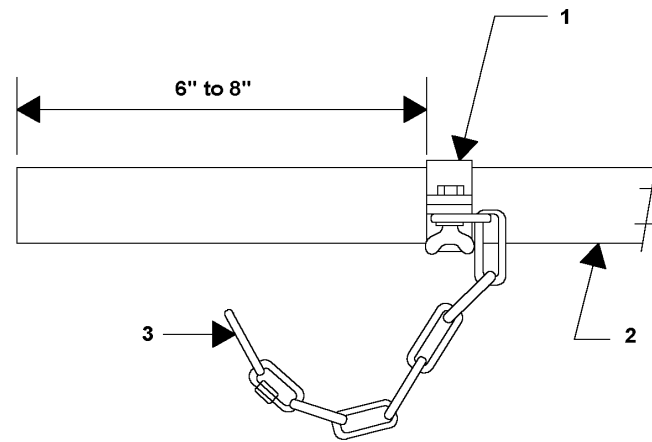


1	2	BODY – JUMPER FITTING
2	1	JUMPER HOSE ASSEMBLY
3	1	SAFETY GAG CHAIN – SEE NOTE 1
4	2	SPANNER WRENCH
5	1	PIPE MEASURING DEVICE
6	1	PIPE FITTING
7	3	ISO 7241-1 SERIES B QUICK ACTION COUPLING
8	2	SAFETY GAG
9	2	PIPE SYSTEM
10	1	JUMPER HOSE ASSEMBLY
11	2	JUMPER FITTING

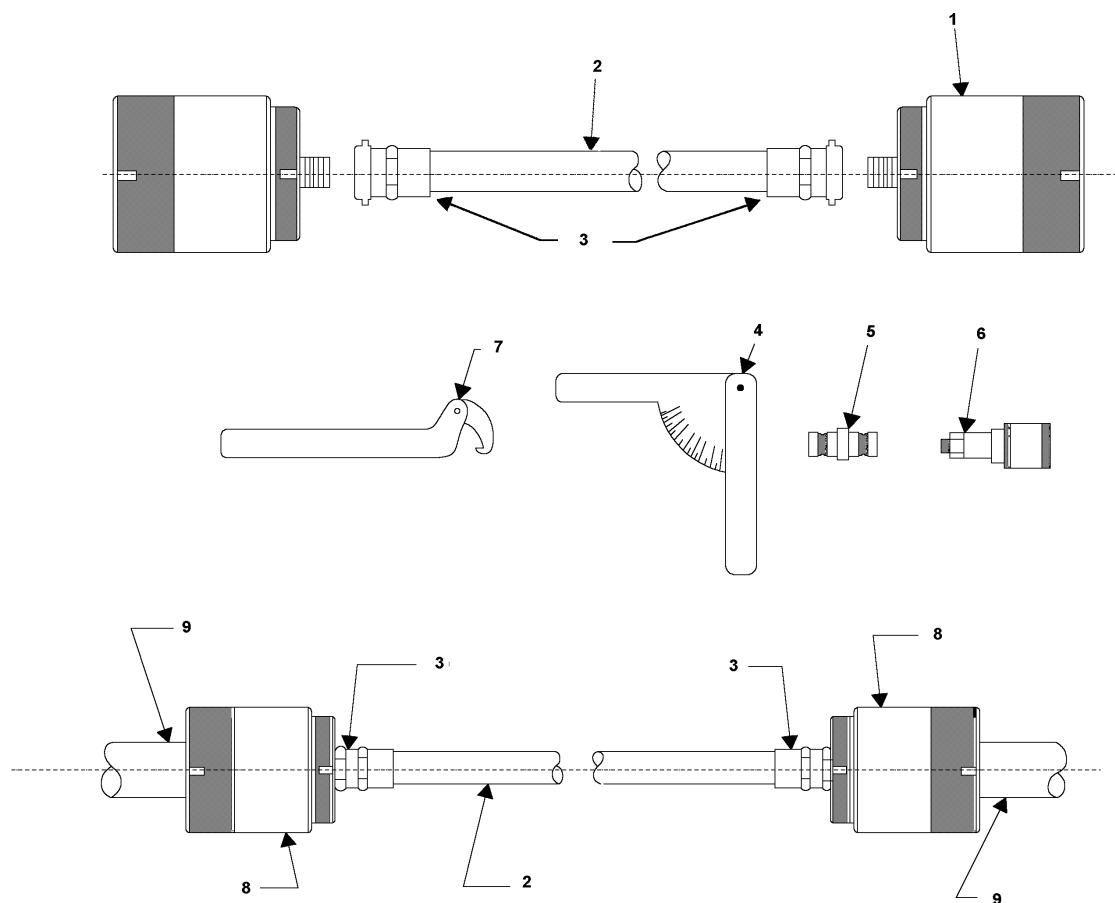


**SYSTEM RESTORE/RECONFIGURE EVOLUTION - SKETCH #004**  
**Pipe Jumper Evolution – PJHS KIT NO.1, Assembly/Installation**

1	2	SAFETY GAG
2	2	PIPE
3	2	SAFETY GAG CHAIN
4	1	SAFETY GAG CHAIN RING
5	1	JUMPER FITTING
6	1	MALE QUICK CONNECT FITTING



**SYSTEM RESTORE/RECONFIGURE EVOLUTION - SKETCH #005**  
**Pipe Jumper Evolution – PJHS KIT NO.1, Safety Gag Installation**



1	2	BODY – JUMPER FITTING
2	1	JUMPER HOSE ASSEMBLY
3	2	NAVY STANDARD FIRE HOSE COUPLING
4	2	PIPE MEASURING DEVICE
5	1	DOUBLE MALE PIPE FITTING
6	1	FITTING – END CAP
7	2	SPANNER WRENCH
8	2	JUMPER FITTING
9	2	PIPE SYSTEM

**SYSTEM RESTORE/RECONFIGURE EVOLUTION - SKETCH #006**  
**Pipe Jumper Evolution – PJHS KIT NO.2, Assembly/Installation**